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lateral faces, or at the rear, of this heater, and the spring preferably is a crinkle spring made of bronze.

13. (New) The weather vane as claimed in claim 11, wherein the heater comprises ceramic blocks of varying thickness held against two electrodes themselves wrapped in an electrically insulating film, the electrodes preferably being made of brass.

14. (New) The weather vane as claimed in claim 13, wherein the electrically insulating film is coated with a thermally conducting grease.

15. (New) The weather vane as claimed in claim 11, wherein the vane has a vent situated opposite the insertion orifice.

16. (New) The weather vane as claimed in claim 11, wherein the heater comprises ceramic blocks with a positive temperature coefficient.

17. (New) The weather vane as claimed in claim 11, wherein the heater has a thickness that varies according to an internal geometry of the hollow of the vane.

18. (New) The weather vane as claimed in claim 11, wherein the heater has, in a profile perpendicular to a direction of insertion, an ogive shape.

19. (New) The weather vane as claimed in claim 11, wherein the vane is in a shape of a tube, inside which the heater is inserted, and in that a thickness of the tube is minimized for regions of the vane which need to be deiced the most.

20. (New) The weather vane as claimed in claim 19, wherein a thickness of the tube is minimized in a region of a leading edge of the vane.